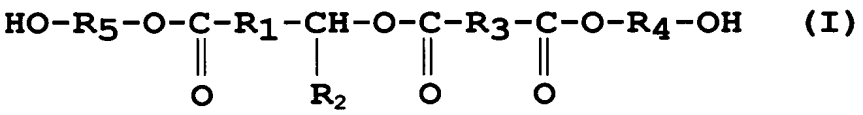
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Polyester polyols ~~comprising compounds~~ of formula (I)



wherein

R_1 represents an alkylene group or an alkenylene group having 5-20 carbon atoms,

R_2 represents hydrogen or an alkyl group or an alkenyl group having 2-20 carbon atoms,

R_3 represents ~~an~~ a cyclic aliphatic ~~or aromatic~~ group,

R_4 represents a linear or branched alkylene group, and

R_5=R_4, or R_5 represents an optionally hydroxyl group substituted linear or branched alkylene group that differs from R_4,

or mixtures of compounds of formula (I).

2. (Currently Amended) The polyester polyols of Claim 1 producible by half ester formation between at least one cyclic aliphatic dicarboxylic anhydride and a saturated or unsaturated fatty acid carrying at least one secondary hydroxyl group,

or an ester of a respective fatty acid, or a mixture thereof, and final esterification by at least one polyol.

3. (Original) The polyester polyols of Claim 2 wherein the ester of a fatty acid is castor oil and the fatty acid is ricinoleic acid.

4. (Original) The polyester polyols of Claim 2 wherein the ratio between anhydride and hydroxy-equivalent of castor oil is from 0.5:1 to 2:1.

5. (Currently Amended) The polyester polyols of Claim 2 wherein the at least one cyclic aliphatic dicarboxylic anhydride is a cyclic 1,2-dicarboxylic anhydride in pure form or mixed with tetrahydrophthalic anhydride and/or succinic anhydride.

6. (Previously Presented) The polyester polyols of Claim 2 wherein the polyol for the final esterification is a polyol with exclusively primary hydroxyl groups.

7. (Original) The polyester polyols of Claim 2 wherein the hydroxyl equivalent is from 150 to 250.

8. (Currently Amended) The polyester polyols of Claim 2 wherein said polyols are obtainable by the reaction of the at least one fatty acid or the at least one ester of a fatty acid with the at least one anhydride of a cyclic aliphatic dicarboxylic acid at temperatures of 150°C to 200°C in the presence of an esterification catalyst and final esterification with the at least one polyhydroxyl compound at 230°C to 250°C.

9. (Currently Amended) A two component polyurethane coating or two component polyurethane adhesive wherein the curing component comprises polyester polyols of ~~Claims~~ Claim 1 and wherein the curing component comprises a curing agent on isocyanate basis.

10. (Currently Amended) A method for the production of polyester polyols of Claim 1, wherein at least one saturated or unsaturated fatty acid and/or at least one ester of a saturated or unsaturated fatty acid is reacted with at least one anhydride of a cyclic aliphatic dicarboxylic acid, under formation of a half ester, wherein the fatty acid contains at least one secondary hydroxyl group, and wherein the formed half ester is finally esterified with at least one polyhydroxyl compound.

11. (Original) The method of Claim 10 wherein the fatty acid is ricinoleic acid and the ester of fatty acid is castor oil.

12. (Original) The method of Claim 11 wherein the ratio between anhydride and hydroxy-equivalent of castor oil is from 0.5 : 1 to 2 : 1.

13. (Currently Amended) The method of Claim 10 wherein the at least one cyclic aliphatic dicarboxylic anhydride is a cyclic 1,2-dicarboxylic anhydride in pure form or mixed with tetrahydrophthalic anhydride, and/or succinic anhydride.

14. (Previously Presented) The method of Claim 10 wherein the polyol for the final esterification is a polyol with exclusively primary hydroxyl groups.

15. (Original) The method of Claim 10 wherein the hydroxyl equivalent is from 150 to 250.

16. (Currently Amended) The method of Claim 10 wherein the reaction of the at least one fatty acid or the at least one ester of a fatty acid with the at least one anhydride of a cyclic aliphatic dicarboxylic acid is performed at temperatures of 150°C to 200°C in the presence of an esterification catalyst and final esterification with the at least one polyhydroxyl compound at 230°C to 250°C.

17. (Previously Presented) The method of Claim 10 wherein the water formed during final esterification is removed by an entrainer.

18. (Canceled)

19. (Currently Amended) The polyester polyols of claim [[18]] 1, wherein R_1 represents $-(CH_2)_7-CH=CH-CH_2-$, R_2 represents $-(CH_2)_5-CH_3$, and R_4 represents neopentylene.

20. (Previously Presented) The polyester polyols of claim 5, wherein said cyclic 1,2-dicarboxylic anhydride comprises hexahydrophthalic anhydride.

21. (Previously Presented) The polyester polyols of claim 6, wherein said polyol comprises neopentylglycol.

22. (Previously Presented) The method of claim 10, wherein the fatty acid contains at least one sterically hindered secondary hydroxyl group.

23. (Previously Presented) The method of claim 13, wherein the cyclic 1,2-dicarboxylic anhydride is hexahydrophthalic anhydride.

24. (Previously Presented) The method of claim 14, wherein said polyol comprises neopentyl glycol.